

In the Claims:

1. (Currently amended) A method for logging event data from at least one operable application program resident on a plurality of computers including managing and non-managing computers or at least one peripheral device operatively connected in a network to a server using a log manager device driver, the logged event data comprising a log manager file having events of the type which relate to completions, connections, processes, terminations, status changes, errors and warnings that can be used to perform network diagnostics and troubleshooting, said method comprising the steps of:

registering said log manager device driver with said server to receive all incoming event data from the computers or at least one peripheral device;

registering said log manager device driver with said server as a device driver for said log manager file;

receiving said event data by said log manager device driver; and,

responding to a download request for said log manager file from any requesting one of said plurality of computers by said log manager device driver so that said requesting computer can use said log manager file to perform diagnostic or troubleshooting activities.

2. (Original) The method according to claim 1 wherein prior to said receiving step further comprising the steps of:

waiting for event data from said at least one application program or said at least one peripheral device by said log manager device driver; and,

sending event data to said log manager device driver by said at least one application program or said at least one peripheral device.

3. (Previously presented) The method according to claim 1 further comprising said log manager device driver saving said event data in an event queue .

4. (Original) The method according to claim 3 wherein prior to said saving step further comprising the steps of:

determining whether said event queue is full by said log manager device driver; and,

deleting an oldest event data from said event queue to make available space for new event data when said event queue is full by said log manager device driver.

5. (Previously presented) The method according to claim 3 wherein said responding step further comprising the step of:

sending a download request for said log manager file to said server by said requesting computer;

determining whether said server received said download request by said requesting computer;

returning an error message if said server did not receive said download request by said requesting computer; and,

opening said log manager file from said log manager device driver if said server received said download request by said server.

6. (Original) The method according to claim 5 wherein said returning step further comprising the step of displaying said error message to the user of said requesting computer by said requesting computer.

7. (Original) The method according to claim 5 wherein said opening step further comprising the steps of:

determining, by said server, whether said log manager file was successfully opened from said log manager device driver;

returning an error message to said requesting computer when said log manager file was not successfully opened by said server; and,

reading said event data stored in said event queue when said log manager file was successfully opened by said server.

8. (Original) The method according to claim 7 wherein said returning an error message step further comprising the step of displaying said error message to the user of said requesting computer by said requesting computer.

9. (Previously presented) A method for logging event data from at least one operable application program or at least one peripheral device operatively connected in a network to a server using a log manager device driver, the logged event data comprising a log manager file that can be used to perform network diagnostics and troubleshooting, said method comprising the steps of:

registering said log manager device driver with said server to receive all incoming event data;

registering said log manager device driver with said server as a device driver for said log manager file;

receiving said event data by said log manager device driver and saving said event data in an event queue; and,

responding to a download request for said log manager file from a requesting computer by said log manager device driver so that said requesting computer can use said log manager file to perform diagnostic or troubleshooting activities

said responding step further comprising the steps of: sending a download request for said log manager file to said server by said requesting computer; determining whether said server received said download request by said requesting computer; returning an error message if said server did not receive said download request by said requesting computer; and opening said log manager file from said log manager device driver if said server received said download request by said server; said opening step further comprising the steps of: determining, by said server, whether said log manager file was successfully opened from said log manager device driver; returning an error message to said requesting computer when said log manager file was not successfully opened by said server; and reading said event data stored in said event queue when said log manager file was successfully opened by said server;

wherein said reading step further comprising the steps of:  
determining whether said event data are available from said event queue  
by said server;  
blocking until said event data are available when said event data are not  
available by said server;  
returning said event data to server when said event data is available by  
said log manager device driver.

10. (Original) The method according to claim 9 wherein said  
blocking step further comprising the steps of:

waiting for said event data from said at least one application program or  
said at least one peripheral device by said log manager device driver;  
sending said event data to said log manager device driver by said  
application program or said peripheral device;  
receiving said event data by said log manager device driver; and,  
saving said event data in said event queue by said log manager device  
driver.

11. (Original) The method according to claim 10 wherein prior to  
said saving step, said method further comprising the steps of:

determining whether said event queue is full by said log manager device  
driver; and,  
deleting an oldest event data from said event queue to make available  
space for a new event data when said queue is full by said log manager device driver.

12. (Original) The method according to claim 9 wherein said  
returning event data step further comprising the steps of:

receiving said event data from log manager device driver by said server;  
sending said event data to requesting computer by said server; and,  
receiving said event data from server by said requesting computer.

13. (Original) The method according to claim 12 further comprising the steps of displaying said event data to an user by said requesting computer.

14. (Original) The method according to claim 12 further comprising the steps of:

determining whether said requesting computer wants to continue downloading said log manager file by said server;

waiting for more event data from said server when said requesting computer wants to continue downloading said log manager file by said requesting computer; and,

terminating the connection to said server when said requesting computer does not want to continue downloading said log manager file by said requesting computer.

15. (Original) The method according to claim 14 wherein said terminating step further comprising the steps of:

closing said log manager file by said server; and,

terminating the connection to said requesting computer by said server.

16. (Currently amended) A system for logging event data from at least one operable application program resident on a plurality of computers including managing and non-managing computers or at least one peripheral device operatively connected to a server in a network using a log manager device driver, the logged event data comprising a log manager file having events of the type which relate to completions, connections, processes, terminations, status changes, errors and warnings that is useable for performing network diagnostics and troubleshooting, said system comprising:

means for registering with said server to receive all incoming event data from the computers or at least one peripheral device;

means for registering said with said server as a device driver for said log manager file;

means for receiving said event data; and,

means for responding to a download request for said log manager file from any requesting one of said plurality of computers so that said requesting computer can use said log manager file to perform diagnostic or troubleshooting activities.

17. (Currently amended) A log manager device driver for logging event data from at least one operable application program resident on a plurality of computers including managing and non-managing computers or at least one peripheral device operatively connected in a network to a server, wherein the logged event data comprising a log manager file having events of the type which relate to completions, connections, processes, terminations, status changes, errors and warnings that is useable for performing network diagnostics and troubleshooting, said driver comprising:

means for registering with said server to receive all incoming event data from the computers or at least one peripheral device;

means for registering with said server as a device driver for said log manager file;

means for receiving event data; and,

means for responding to a download request for said log manager file from any requesting one of said plurality of computers so that said requesting computer can use said log manager file to perform diagnostic or troubleshooting activities.